

## R71PI31504030K

Aliases (71PI31504030K)

R71, Film, Metallized Polypropylene, General Purpose, 0.15 uF, 10%, 630 VDC, 105°C, 15 mm



Click [here](#) for the 3D model.

### General Information

|                          |  |
|--------------------------|--|
| Series                   | R71  |
| Dielectric               | Metallized Polypropylene                       |
| Style                    | Radial   |
| Features                 | PFC and Pulse                                  |
| RoHS                     | Yes  |
| Termination              | Tinned Wire                                    |
| Lead                     | Wire Leads                                     |
| AEC-Q200                 | No   |
| Typical Component Weight | 1.5 g  |
| Miscellaneous            | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 12mm +0.1/-0.5mm |
| T  | 6mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| LL | 30mm +5mm        |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 900       |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.15 uF                                  |
| Tolerance             | 10%                                      |
| Voltage DC            | 630 VDC                                  |
| Voltage AC            | 275 VAC                                  |
| Temperature Range     | -40/+110°C                               |
| Rated Temperature     | 105°C                                    |
| Dissipation Factor    | 0.1% 25C                                 |
| Insulation Resistance | 100 GOhms                                |
| Max dV/dt             | 250 V/us                                 |
| ESR                   | 371.4 mOhms (100kHz)                     |
| Ripple Current        | 0.71 Amps (100kHz 85C), 37.5 Amps (Peak) |
| Inductance            | 10 nH                                    |

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